

SILICOALUMINOPHOSPHATE MOLECULAR SIEVE

ABSTRACT

- 5 The present invention relates to a silicoaluminophosphate molecular sieve comprising at least one intergrown phase of molecular sieves having AEI and CHA framework types, wherein said intergrown phase has an AEI/CHA ratio of from about 5/95 to 40/60 as determined by DIFFaX analysis, using the powder X-ray diffraction pattern of a calcined sample of said silicoaluminophosphate molecular sieve. It also relates to methods for its
10 preparation and to its use in the catalytic conversion of methanol to olefins.

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